FLIP-CHIP IMAGE SENSOR PACKAGES
AND METHODS OF FABRICATION
Inventor(s): Larry D. Kinsman
Serial No.: Not Yet Assigned
Docket No.: 5347.4US

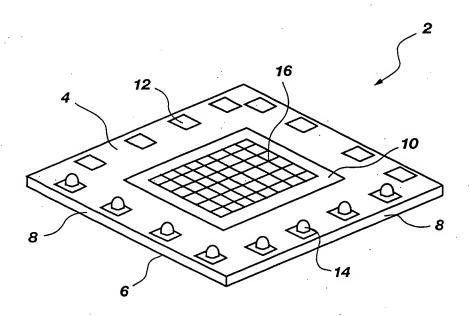


FIG. 1

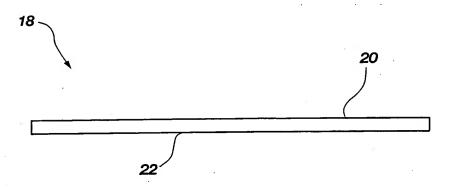


FIG. 2

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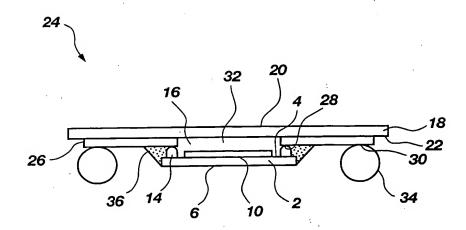


FIG. 3

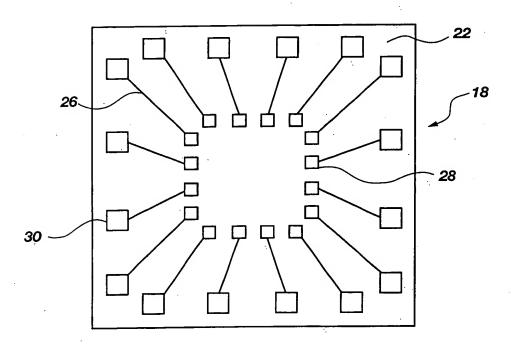


FIG. 4

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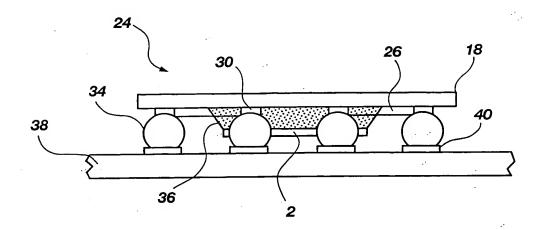
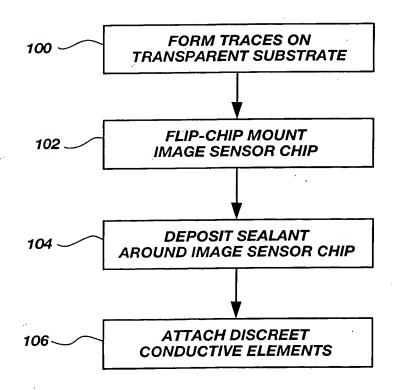


FIG. 5



**FIG.** 6

## FLIP-CHIP IMAGE SENSOR PACKAGES AND METHODS OF FABRICATION

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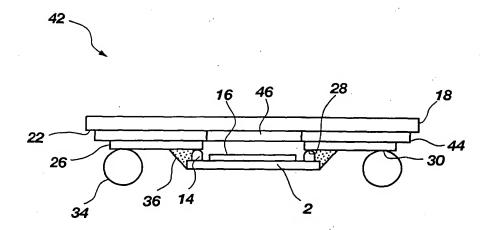


FIG. 7

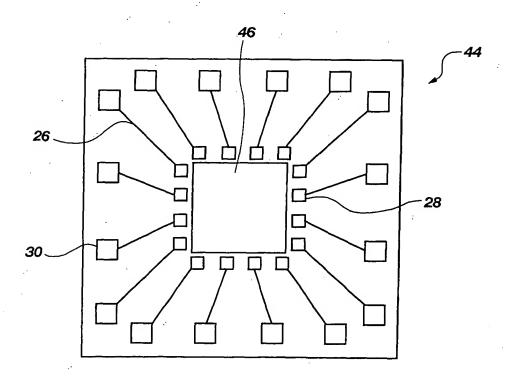


FIG. 8

FLIP-CHIP IMAGE SENSOR PACKAGES AND METHODS OF FABRICATION Inventor(s): Larry D. Kinsman

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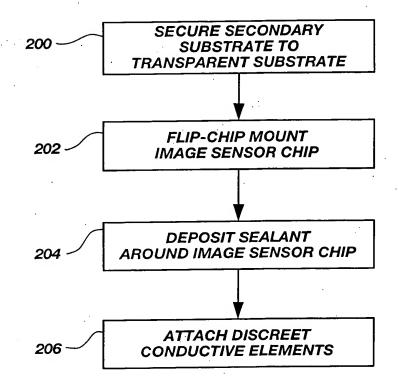


FIG. 9

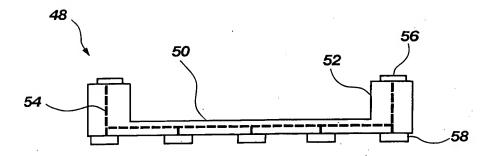


FIG. 10

## FLIP-CHIP IMAGE SENSOR PACKAGES AND METHODS OF FABRICATION Inventor(s): Larry D. Kinsman

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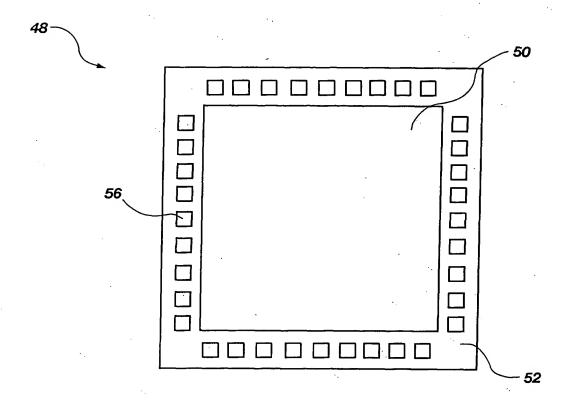


FIG. 11

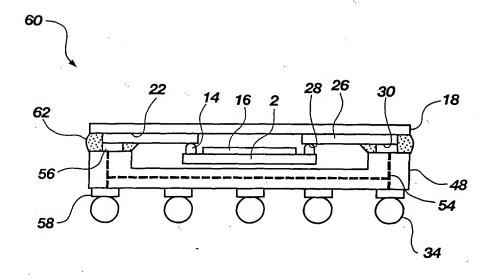


FIG. 12

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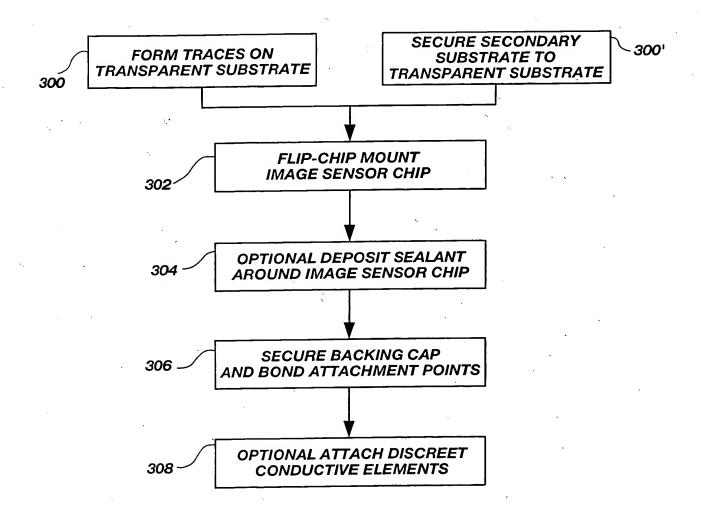


FIG. 13

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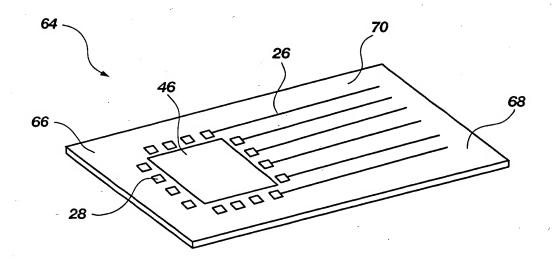


FIG. 14A

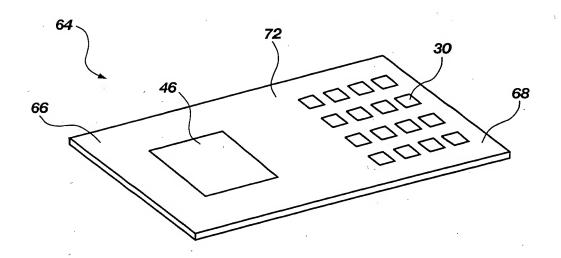


FIG. 14B

FLIP-CHIP IMAGE SENSOR PACKAGES
AND METHODS OF FABRICATION

Lavortor(a) Lorry D. Kinsman

Inventor(s): Larry D. Kinsman Serial No.: Not Yet Assigned Docket No.: 5347.4US

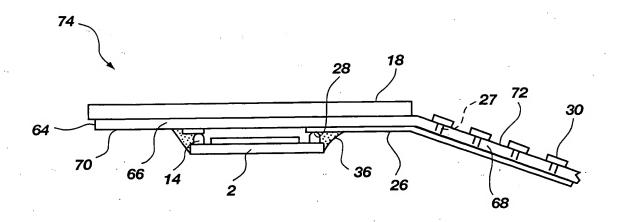


FIG. 15A

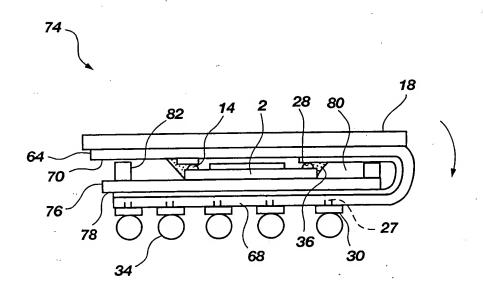


FIG. 15B

FLIP-CHIP IMAGE SENSOR PACKAGES
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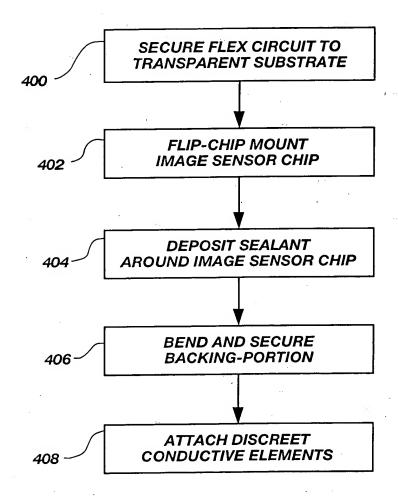


FIG. 16